

### Three-phase asynchronous motor

MOTOR FRAME: **Aluminium**

a company of



Motor type: **WU-DA180ME-H IE2 4P 18,5kW B35**  
 Motor item number: **180W477420T**

50 HZ data	Rated power:	18,5 kW			60 HZ data		kW		
	Poles(Synch speed):	4p (1500) r.p.m					r.p.m		
	Full load speed:	1470 r.p.m					r.p.m		
	Voltage:	400	/	690 V			V		
	Frequency:	50 Hz					Hz		
	Connection:	$\Delta$	/	Y					
	Amps full load (FLA):	35		20,2 A			A		
	Amps no-load (NLA):	A							

Enclosure:	IP55			Cable entries size:	2 x CM32		
Mounting:	IM B35 (IM 2001)			Winding protection:			
Insulation Class:	F			Max. Altitude:	1000	m.a.s.l.	
Max. ambient temp.:	+40	°C		Heater:	no		
Min. ambient temp.:	-20	°C		Shaft extension:	48x110	mm	
Max. temp. rise:	80	K		Weight:	kg		
Duty type:	S1			Painting:	Alkyd-Amin Resins Paint		
Cooling form:	IC411 (TEFC)			Color:	RAL 5021		
Bearing DE	6310	ZZ C3		Box position:	Top DE		
Bearing NDE	6308	ZZ C3		Cable entry towards:	Right		
Grease:	Lithium or Polyurea Base			Cable type:	N/A		
Regreasing facilities:	NO			Balance grade:	Normal		

Efficiency class:	IE2			Sound pressure (1m):	62 dB(A)	
Load data:	100%	75%	50%	Resistance R20:	0,41 PH	
Efficiency:	91,2	91,8	90,7			
Power factor:	0,84	0,77	0,66			

Full load torque (FLT):	120,2	Nm	Pull out torque ratio:	3,2	MK/MN
Starting torque ratio:	2,8	MA/MN	Pull up torque:	2,2	MS/MN
Starting current ratio:	8,4	IA/IN	Rotor inertia WK2:	0,16	kgm <sup>2</sup>

Special remarks:

#### SPECIAL DATA FOR HAZARDOUS LOCATION MOTOR

Hazardous classification:	Temp. Class:	
Certificate number:	t <sub>E</sub> time:	sek

Special remarks: